



White Paper Executive Summary

Scalable Software Protection and Flexible Licensing

The All-In-One Solution for Software Protection, Licensing and Security

Today, more than ever, software touches almost everything in our daily lives. Whether it be our home appliances, workplace devices, or even the infrastructure of the cities we live in, software is most likely monitoring and controlling the operations behind the scenes.

As software has become ubiquitous, it has also become a prime target for attacks. Unprotected software can easily be copied, allowing pirates to sell the software for their personal gain and well below its intended value. In cases where software is linked to a machine or control system, the electronics and mechanical parts might be copied as well, allowing attackers to create a counterfeit that looks and operates just like the original, but requires just a fraction of the cost of the original to build. In other cases, Intellectual Property can be extracted from the product by reverse engineering it for reuse in the perpetrators' own products, effectively reducing their R&D costs and speeding their products' journey to market. And with the proliferation of millions of software-driven and Internet-connected devices that make up the IoT and Industrial IoT, the attack surface has expanded exponentially.

These examples reveal the critical need for technology that not only protects software and the devices run by it against counterfeiting, copying, and tampering, but also ensures publishers that their software is monetized fairly.

This white paper provides a comprehensive overview of Wibu-Systems' award-winning CodeMeter secure license management system.

The technology is designed specifically for software publishers and intelligent device manufacturers to enable software:

- Protection – Protecting software against piracy and reverse engineering.
- Licensing – Licensing software safely and in an automated fashion, including the creation of flexible licensing models, the integration of their delivery, and the management of the complete lifecycle with existing back office systems.
- Security – Safeguarding users against software tampering and malicious attacks.

The white paper takes a deep dive into the architecture and critical components of CodeMeter. CodeMeter Protection Suite is the tool that encrypts applications and libraries with no manual effort required. CodeMeter License Central can be integrated with existing ERP, CRM, and e-commerce systems to deliver software, create licenses automatically, and transfer licenses to the customer using an existing back office system or a separate license portal. Flexible licensing models and security repository options include secure hardware, computer-bound license files, user-based licenses in the cloud, and network license servers. CodeMeter supports most platforms used by software publishers and intelligent device manufacturers – PCs, PLCs, and embedded, mobile, and cloud-based systems.